



This Form must be Typed  
Form must be Signed  
All blanks must be Filled

### WELL PLUGGING APPLICATION

Form KSONA-1, Certification of Compliance with the Kansas Surface Owner Notification Act,  
MUST be submitted with this form.

OPERATOR: License #: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

API No. 15 - \_\_\_\_\_  
If pre 1967, supply original completion date: \_\_\_\_\_  
Spot Description: \_\_\_\_\_  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
\_\_\_\_ Feet from  North /  South Line of Section  
\_\_\_\_ Feet from  East /  West Line of Section  
Footages Calculated from Nearest Outside Section Corner:  
 NE  NW  SE  SW  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Check One:  Oil Well  Gas Well  OG  D&A  Cathodic  Water Supply Well  Other: \_\_\_\_\_  
 SWD Permit #: \_\_\_\_\_  ENHR Permit #: \_\_\_\_\_  Gas Storage Permit #: \_\_\_\_\_

Conductor Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Surface Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks  
Production Casing Size: \_\_\_\_\_ Set at: \_\_\_\_\_ Cemented with: \_\_\_\_\_ Sacks

List (ALL) Perforations and Bridge Plug Sets:

Elevation: \_\_\_\_\_ (  G.L. /  K.B. ) T.D.: \_\_\_\_\_ PBTD: \_\_\_\_\_ Anhydrite Depth: \_\_\_\_\_  
(Stone Corral Formation)

Condition of Well:  Good  Poor  Junk in Hole  Casing Leak at: \_\_\_\_\_  
(Interval)

Proposed Method of Plugging (attach a separate page if additional space is needed):

Is Well Log attached to this application?  Yes  No Is ACO-1 filed?  Yes  No

If ACO-1 not filed, explain why:

**Plugging of this Well will be done in accordance with K.S.A. 55-101 et. seq. and the Rules and Regulations of the State Corporation Commission**

Company Representative authorized to supervise plugging operations: \_\_\_\_\_  
Address: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_  
Plugging Contractor License #: \_\_\_\_\_ Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_ Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

Proposed Date of Plugging (if known): \_\_\_\_\_

Payment of the Plugging Fee (K.A.R. 82-3-118) will be guaranteed by Operator or Agent

Submitted Electronically



### CERTIFICATION OF COMPLIANCE WITH THE KANSAS SURFACE OWNER NOTIFICATION ACT

*This form must be submitted with all Forms C-1 (Notice of Intent to Drill); CB-1 (Cathodic Protection Borehole Intent); T-1 (Request for Change of Operator Transfer of Injection or Surface Pit Permit); and CP-1 (Well Plugging Application). Any such form submitted without an accompanying Form KSONA-1 will be returned.*

Select the corresponding form being filed:  C-1 (Intent)  CB-1 (Cathodic Protection Borehole Intent)  T-1 (Transfer)  CP-1 (Plugging Application)

OPERATOR: License # \_\_\_\_\_  
Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_  
Contact Person: \_\_\_\_\_  
Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ Fax: ( \_\_\_\_\_ ) \_\_\_\_\_  
Email Address: \_\_\_\_\_

Well Location:  
\_\_\_\_ - \_\_\_\_ - \_\_\_\_ - \_\_\_\_ Sec. \_\_\_\_ Twp. \_\_\_\_ S. R. \_\_\_\_  East  West  
County: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

*If filing a Form T-1 for multiple wells on a lease, enter the legal description of the lease below:*

**Surface Owner Information:**

Name: \_\_\_\_\_  
Address 1: \_\_\_\_\_  
Address 2: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

*When filing a Form T-1 involving multiple surface owners, attach an additional sheet listing all of the information to the left for each surface owner. Surface owner information can be found in the records of the register of deeds for the county, and in the real estate property tax records of the county treasurer.*

*If this form is being submitted with a Form C-1 (Intent) or CB-1 (Cathodic Protection Borehole Intent), you must supply the surface owners and the KCC with a plat showing the predicted locations of lease roads, tank batteries, pipelines, and electrical lines. The locations shown on the plat are preliminary non-binding estimates. The locations may be entered on the Form C-1 plat, Form CB-1 plat, or a separate plat may be submitted.*

**Select one of the following:**

- I certify that, pursuant to the Kansas Surface Owner Notice Act (House Bill 2032), I have provided the following to the surface owner(s) of the land upon which the subject well is or will be located: 1) a copy of the Form C-1, Form CB-1, Form T-1, or Form CP-1 that I am filing in connection with this form; 2) if the form being filed is a Form C-1 or Form CB-1, the plat(s) required by this form; and 3) my operator name, address, phone number, fax, and email address.
- I have not provided this information to the surface owner(s). I acknowledge that, because I have not provided this information, the KCC will be required to send this information to the surface owner(s). To mitigate the additional cost of the KCC performing this task, I acknowledge that I must provide the name and address of the surface owner by filling out the top section of this form and that I am being charged a \$30.00 handling fee, payable to the KCC, which is enclosed with this form.

*If choosing the second option, submit payment of the \$30.00 handling fee with this form. If the fee is not received with this form, the KSONA-1 form and the associated Form C-1, Form CB-1, Form T-1, or Form CP-1 will be returned.*

I Submitted Electronically

I

Form	CP1 - Well Plugging Application
Operator	SandRidge Exploration and Production LLC
Well Name	LANA 1-A
Doc ID	1254989

Perforations And Bridge Plug Sets

Perforation Top	Perforation Base	Formation	Bridge Plug Depth
4331	4604	Mississippian	



**AFE:PX12508**

**Well Name:** Lana 1-1A  
 API Number: 15-077-21621  
 AFE# **PX12508**  
 Corp ID# # 125969  
 Field: Bluff Creek  
 County, State: Harper, KS  
 Legals: Sec 1 T 34S R5W

**Note - VERTICAL Well**

Surface Location:	990'	FNL	1320'	FWL	
BH Location:	same	FSL	same	FEL	
Elevation:	1265'	KB		DF	1257' GL
Depths:	4742'	MD	4674' (est)	PBTD	3886' (CBL TOC)

Engineer: Andrew Schreiner (432) 557-9685 c [aschreiner@sandridgeenergy.com](mailto:aschreiner@sandridgeenergy.com)  
 Production Foreman: Nathan Drake (405) 834-5542 c [ndrake@sandridgeenergy.com](mailto:ndrake@sandridgeenergy.com)  
 Production Superintendent: Cody Puffinbarger (405) 839-5702 [cpuffinbarger@sandridgeenergy.com](mailto:cpuffinbarger@sandridgeenergy.com)

CSG	Bit Size	OD	ID	Drift	Grade	Thd	Wt/Ft	Cap (bbl/ft)	Burst	Collapse	Top	Set @
Surface	12.25"	8.625"	8.097	7.972	J-55	ST&C	24	0.0637	2950	1370	0	200'
Int	7.875"	5.5"	4.95	4.825	J-55	LT&C	15.5	0.0238	4810	4040	0'	4737'
Liner	N/A	N/A										

**Directions**

From Anthony, KS. Head east on KS-44 E/E Main St toward S Anthony Ave 12.5 mi. Turn right onto NE 130 Ave/S Creek Rd 2.0 mi. Location on the right.

**What's New:**

- 1) **Plug and Abandon well.**
- 2) **Contact KCC representative (620-2252-8888) at least 48 hours prior to beginning operation. Insure that contact is person-to-person. Voice mails are not acceptable to regulatory agencies.**
- 3) **Contact Jared Riffe (405) 630-9397 with Baker Hughes for spooler & ESP Recovery**
- 4) **Contact Gabriel w/ NOV for wellhead info at (405) 642-1202.**
- 5) **Remove tbg and ESP. Cut free csg and remove.**
- 6) **Use laydown machine while laying down tbg and csg.**
- 7) **Contact Eric Bozeman (405) 213-9559 to schedule NORM scan for tubing and casing before sending it back to the yard**
- 8) **Salvage available equipment.**

**Workover Summary**

Plug and Abandon well. Remove ESP and tbg. Set CIBP and cap w/ cement. Pull csg and cut free pipe. TOOH w/ csg. Set cmt plugs as needed. Cut and cap well. Remove rig anchors.

**THE SAFETY OF PERSONNEL AND PROTECTION OF THE ENVIRONMENT IS OF PRIMARY CONCERN DURING ANY OPERATION. UNDER NO CIRCUMSTANCE SHOULD SAFETY OR ENVIRONMENTAL PROTECTION BE COMPROMISED.**

**SANDRIDGE ENERGY REQUIRES THAT HARD HATS, STEEL TOED BOOTS, SAFETY GLASSES AND FRCs BE WORN ON LOCATION AT ALL TIMES.**

**HOLD SAFETY MEETING & COMPLETE JSAs PRIOR TO COMMENCING ALL OPERATIONS. ALL PERSONNEL ON LOCATION MUST BE BRIEFED AND MUST SIGN JSAs.**

**NO IGNITION SOURCE WITHIN 50 FT OF THE WELLHEAD, FLOWBACK TANKS OR PRODUCTION EQUIPMENT.**

**Detailed Procedure**

1. MIRU WOR, transports and pump truck. **Hold JSA. Discuss workover scope, well control plans, meeting areas in case of emergencies and follow SD lockout/tagout procedures prior to any work being done on location to ensure all equipment is secured when workover begins.**
2. Blow down well. Have pump capable of pumping at 1/2 - 5 BPM, depending on well kick severity, to kill well as necessary.
3. Install BPV, ND production tree. **Verify that csg valves are shut-in.** NU 5.5" 3K double manual BOP, 2-7/8" rams on top and blind rams on bottom. **Function test BOP prior to NU.**

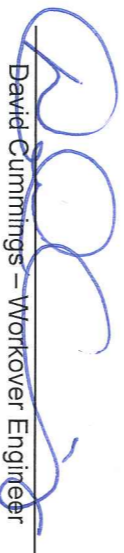
4. TOOH racking back pipe w/ :
  - i. 138 jnts 2-7/8" 6.5# J-55 8 rnd (approx. 4148')
  - ii. 2.313" XN Nipple (w/ 2.205 No Go)
  - iii. 1 jnt 2-7/8" sub
  - iv. 95 stg Flex 10 PMHYB
  - v. 95 stg Flex 10 PMHYB
  - vi. 20 stg GINPHL PMSXD
  - vii. Intake 400 GSVT
  - viii. FSB3DB H6 FER SSCV Seal
  - ix. 450 Series MSP 108/1775/39 mtr
  - x. Centinel ASM 5000 C450
5. Send ESP with Baker to be pit tested and returned to inventory.
6. PU and RIH w/ 5.5" 10K CIBP. **Set CIBP @ Per KCC'**. Unlatch from CIBP.
7. Use current 2-7/8" tbg and haul in additional needed 2-7/8" 6.5# J-55 tbg.
8. Spot **Per KCC** sxs Class C cement mixed at 14.8 ppg and yield of 1.32 cf/sk on top of CIBP set @ **Per KCC'**. TOOH w/ tbg to **Per KCC'**. Circulate hole w/ plugging mud (density ≥ 9 ppg and viscosity ≥ 36 cp). TOOH w/ tubing.
9. ND 5.5" 3K manual BOP.
10. NU 7-1/16" 3k Manual BOP with 2-7/8" rams on top, blind rams on bottom.
11. Pull stretch on 5.5" 15.5# J-55 csg to verify freepoint. MIRU WL w/ split shot to freepoint. Locate casing collar, shoot off casing. TOOH w/ tools. TOOH w/ 5.5 " csg and lay down.
12. Ensure that the KCC representative has been contacted **620-2252-8888** to verify cmt plugs.
13. ND 7-1/16" 3k manual BOP.
14. NU 5.5" 3K double manual BOP (2-7/8" pipe rams on top and blind rams on bottom) on top of B-section.
15. TIH w/ SN and ~**Per KCC'** 2 7/8" 6.5# J-55 tubing. Spot the following cement plugs:
  - **Per KCC** sxs Class C + 2% CaCl cmt from ~ **Per KCC'**
  - **Per KCC** sxs Class C + 2% CaCl cmt from ~ **Per KCC'**
  - ~ **Per KCC** sxs Class C + 2% CaCl cmt from **Per KCC'** to surface.
16. Tie pump onto surface csg x production annulus. Top off annulus w/ cmt as needed.
17. **Make sure Hot Work permit has been obtained and properly filled out. MAKE SURE QUAD GAS READINGS ARE TAKEN AND RECORDED**
18. MIRU welder. Cut off casing 4' below ground level. Weld plate on top of surface casing. Plate should contain well name or API number and date of plugging. Plate should also have weep hole to enable monitoring of any future leakage of plugs. RDMO welder.
19. Transfer tubing and casing to yard. Note - **IT IS SOP FOR SANDRIDGE TO MAKE SURE ALL CASING AND TUBING REMOVED FROM A P&A WELL MUST BE SCANNED FOR NATURALLY OCCURRING RADIOACTIVE MATERIAL (NORM).**  
**Please contact Eric Bozeman (405) 213-9559 to schedule material scan. Pulled equipment cannot be sent back to yard without being scanned.**
20. RDMO WOR. Cut and cap well. Dig up anchors.
21. Release all equipment. Clean and restore location.

Job Authorization –

This job has been written, reviewed and approved for distribution by:



Andrew Schreiner – Production Engineer



David Cummings – Workover Engineer

FOR David Cummings  
COMPANY Sand Ridge Energy  
SUBJECT Pod A Lana # 1 A

JOB OR AUTH. NO. 990 fnl & 1320 fel  
PAGE 15 - 077 - 21621 - 00 - 00  
DATE 5/29/15  
BY Ronnie Orr

Harper City, KS Sec 1 34S-5W S2 1/2 NE

### Pod A Procedure w/ cost

8 5/8  
260'  
2 3/8  
4284'

- 1) MTRUJU unflange well & NU BOP. POTH w/ 4bg.
- 2) PU 5 1/2 10K Tag set CIBP, BIT & set CIBP @ 4281', release from 4bg. Circ hole w/ mud & cap w/ 101K cement POTH w/ 4bg.
- 3) ND BOP, unpack & weld on 5 1/2 pull sub. Pull slip & NU BOP w/ 5 1/2 runs. Cut & pull free pipe.
- 4) TIM w/ 4bg. Mix & spot following cement plugs:
  - a) 900' - 60 SKS Class "C"
  - b) 600' - 60 SKS Class "C"
  - c) 310' - surface - 85 SKS Class "C" cement
- 5) RDMOJU cut & cap well. Dig up rig anchors.

### Cost

\$ 30,875

04331  
04604

5 1/2

4737'  
160JK

Conservation Division  
266 N. Main St., Ste. 220  
Wichita, KS 67202-1513



Phone: 316-337-6200  
Fax: 316-337-6211  
<http://kcc.ks.gov/>

Shari Feist Albrecht, Chair  
Jay Scott Emler, Commissioner  
Pat Apple, Commissioner

Sam Brownback, Governor

June 15, 2015

Tiffany Golay  
SandRidge Exploration and Production LLC  
123 ROBERT S. KERR AVE  
OKLAHOMA CITY, OK 73102-6406

Re: Plugging Application  
API 15-077-21621-00-01  
LANA 1-A  
NE/4 Sec.01-34S-05W  
Harper County, Kansas

Dear Tiffany Golay:

The Conservation Division has received your Well Plugging Application (CP-1).

**Under K.A.R. 82-3-113(b)(2), you must notify DISTRICT 2 of your proposed plugging plan at least 5 days before plugging the well.** DISTRICT 2's phone number is (316) 630-4000. Failure to notify DISTRICT 2, or failure to file a Well Plugging Record (CP-4) after the well is plugged will result in a penalty recommendation.

**Under K.A.R. 82-3-600, you must file an Application for Surface Pit (CDP-1) if you wish to use a workover pit while plugging the well.** Failure to timely file a CDP-1, failure to timely remove fluids, or failure to timely file Closure of Surface Pit (CDP-4) or Waste Transfer (CDP-5) forms will result in a penalty recommendation.

This receipt does NOT constitute authorization to plug this well if you do not otherwise have the legal right to do so.

This receipt is VOID after December 15, 2015. If the well is not plugged by then, you will have to submit a new CP-1 if you wish to plug the well.

**The December 15, 2015 deadline does NOT override any compliance deadline given to you by Legal, District, or other Commission Staff.** Failure to comply with any given deadline will still result in the Commission assessing penalties, or taking other legal action.

Sincerely,  
Production Department Supervisor

cc: DISTRICT 2